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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: van Oort et al.

Examiner: K. Schaetzle

Serial No.: 09/399,318

Group Art Unit: 3762

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Attorney Docket No.: P-7739 CIP

Title: Cardiac Pacing System with Improved Physiological Event Classification and Heart Monitoring Based on DSP

DATE OF DEPOSIT: JUNE 28, 2001

CERTIFICATE OF FACSIMILE TRANSMISSION: I hereby certify that all paper(s) described herein are being facsimile transmitted to the United States Patents and Trademarks Office on the date shown above.

Signature

Printed Name THOMAS WOODS**RESPONSE AND AMENDMENT**

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

In the first office action mailed March 28, 2001, the Examiner rejected claims 1-20 on the basis of the judicially created doctrine of obviousness-type double patenting, and further indicated that claims 21-36 were allowed. The Examiner stated that claims 1-20 would be allowed upon the submission of an appropriate Terminal Disclaimer. Attached hereto in Exhibit A are two duly executed copies of such a Terminal Disclaimer.

Claims 1-36 remain pending in the application, and are believed to be in condition for allowance. Passage of all the claims to issuance is respectfully requested.

The Examiner is may contact the undersigned by E-mail at thomas.woods@medtronic.com with any questions or comments he may have. Applicant's attorney will promptly follow up the receipt of an E-mail from the Examiner with a phone call.

Respectfully submitted,
Van Oort et al.
By their attorney



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